

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: September 16, 2004

Site Contact(s): Dyan Foss
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Regulatory Contact: Edd Kray
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Agency: CDPHE

Purpose of Contact: Disposition of Building 731 and 732

Discussion

Buildings 731 and 732 are part of the 707 Project and addressed in the Building 707 Closure Project Decommissioning Operations Plan. Building 731 is a plenum deluge/process waste pit constructed of reinforced concrete with a reinforced concrete stairway leading to the belowground portion of the structure. The pit contained two fiberglass collection tanks and ancillary equipment for collection of chiller condensate, emergency eye wash/shower wastewater, decontamination water, and plenum deluge water from Building 707.

Building 732 is the former laundry pumping vault constructed of reinforced concrete with a reinforced concrete stairway leading to the belowground portion of the structure. The structure contained one 800 gallon storage tank and ancillary equipment used to collect filter water from Building 778 laundry and then used for the Building 776/777 plenum deluge system. Both buildings are type 2 facilities.

On September 13, 2004, the in process survey results for these facilities were provided to CDPHE. At the regularly schedule 776/707 survey status meeting on September 15, 2004, CDPHE indicated that after review of the data, he concurred that the approach for the disposition of these structures should be consistent with the approach for the Building 778 slab and Building 776 demolition. In preparation for demolition, these areas will be characterized, encapsulated and painted orange for identification.

No contamination was found on the upper portions of the structures and the contaminated portions of the structures, which are underground, will be removed using the techniques demonstrated effective by the ER project. The highest level of contamination in Building 731 is 46,729 dpm/100cm² and the average surface contamination is 5,258 dpm/100cm². The highest level of contamination in Building 732 is 44,843 dpm/100cm² and the average surface contamination is 3,115 dpm/100cm².

This contaminated component removal is addressed in the 707 DOP. The proposed approach is consistent with the approach in other facilities where aggressive decontamination methods have

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taken the contamination into the soils. In addition, decontamination activities pose significant risks to the workers and are complicated by the narrow access/egress points associated with these facilities. ER has removed similar slabs and pits with no adverse impacts to the environment. All of the structures will be removed, and the activity will be coordinated with ER to ensure that the soils beneath the structures are adequately evaluated prior to backfilling.

In addition to this contact record, a memo documenting the areas of residual contamination, commitments and controls will be prepared for the RISS project prior to transferring the facilities for disposition.

Contact Record Prepared By: Dyan Foss

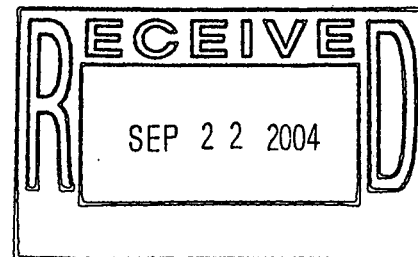
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